

MATERIAL STANDARD**STREETLIGHT POLES, STEEL, EMBEDDED**

STEEL STREETLIGHT POLES shall meet applicable requirements of ASTM A595 for steel poles.

Shaft. The shaft shall be round or hexdecagonal (16 sided) with a uniform taper, and be hot dip galvanized per ASTM A123. Equivalent Standard design shall be based on the horizontal load required by ANSI 05.1 for a class 3 wood pole, applied at two (2) feet from the top of the pole.

Handhole. The pole shall have an oval, 4" x 6" handhole, located 18" above ground line centered 90° clockwise from centerline of mast arm position and reinforced so as to result in no loss of shaft strength. The handhole shall have matching galvanized steel cover attached with stainless steel screws.

Wire Entrance. One 2" x 5" oval hole shall be located at 24" below the ground line or centered at 4 feet from the bottom of the pole, on the same orientation as the above handhole.

Ground Line Protection. The pole shall be coated on the bottom 6 foot 6 inches with a Corrocote II or asphaltic coating.

Grounding Lug. Poles shall have a 1/4" thick ground lug with a 3/8" diameter hole welded inside the pole adjacent to the handhole. The lug shall be equipped with a 1/4" x 20 x 1" stainless steel capscrew, nut and washer.

The pole shall have a **Top Cap** and **Bottom Plate** provided.

Stock Unit: EA

Reference Specifications: ASTM A595; ASTM A123; ANSI 05.1

Stock Number	Dimensions (Feet)			Approved Manufacturer		
	Shaft Length	Nominal Mounting Ht.	Butt to Ground Level	IUSI	Valmont	West Coast Engineering (WCE)
010395	30	25	5	30S3	DP30-3B	WCE 30-16 Sided TAP-DB-G-CC
010396	40	34	6	40S4	DP40-3B	WCE 37-16 Sided TAP-DB-G-CC (37')

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MATERIAL STANDARD**DIRECT BURY STEEL POLE
30 AND 40 FOOT LENGTHS**